

Product datasheet for **RN205396**

Tbc1d9b (NM_001108274) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tbc1d9b (NM_001108274) Rat Untagged Clone
Tag: Tag Free
Symbol: Tbc1d9b
Synonyms: RGD1310147
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN205396 representing NM_001108274
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTGGCTCGGCCGGAGGAGGTGCTGGTGGCCAACGCGCTATGGGTGACGGAGCGGGCCAACCCCTTCT
TCGTGCTGCAGCGGCCCGAGGCCATGGCAAGGGTGGCGGCTCACGGGTCTTCTGTGGGCACCCTGGA
TGTGGTGTGACTCCAGTGCCCGTGTGGCCCCCTACCGCATCCTGCACCAGACCAGGACTCACAGGTC
TACTGGACGGTGGCATGTGGTTCTCCCGCAAAGAGATCACAAACACTGGGAGTGGCTGGAAAACAACT
TACTTCAGACGCTGTCCATCTTCGACAACGAGGAGGACATCACTACCTTCGTCAAGGGCAAGATACACGG
CATCATCGCAGAAGAAACAAGAACCTGCAGCCCCAGGGGACGAGGACCCAGGGAAATCAAGGAGGCA
GAGCTAAAGATGCGGAAGCAGTTCGGCATGCCAGAGGGAGAGAAGCTGGTCAACTACTACTCCTGTAGCT
TCTGGAAGGGCCGAGTGCCTCGGCAGGGCTGGCTCTACCTGACCGTCAACCACCTGTGTTTCTACTCCTT
CTTGCTGGGGAAGGAAGTGAACCTGGTGGTACAGTGGGTGGACGTTACACGCTTGAGAGAAGATGCCACT
TACTCTTCCCGAGAGCATCCGTGTGGACACGGGACCAGGAGCTATTCTTCCATGTTCCCTAAACA
TTGGTGAGACCTCAAGCTCATGGAACAGCTGGCCAACCTGGCCATGCGACAACCTGGACAGCGAGGG
CTTCTGAGGACAAGGCCCTGCCAGGCTATCCGGCCACATAAGAACATCTCAGCTCTAAAGCGAGAC
CTGGATGCCCGAGCTAAGAACGAGTGCTACAGGGCCACGTTCCGGCTCCCAAAAGATGAACGGCTGGATG
GACACACAGGTTGCACCCTGTGGACACCATTTAACAAGCTACACATCCCCGGCCAGATGTTTCATCTCCTA
TAACTACATCTGCTTTGCCAGCAAAGAGGAAGATGCGTGCCGCTCATCATACCCCTGAGGGAGGTGACC
ATTGTTGAGAAAGCTGACAGCTCCAGTGTCTGCTGCCAGCCCTCTGTCTATCAGCACTAAGAGTAAAATGA
CCTTCTGTTTGCCAACCTGAAAGACCGTACTTCTGGTTTCAGAGGATCTCTGACTTCTCCAGAAAAC
ACCGTCCAAACAGACAGGACGATCGCTGGGGAAACAAAGGCCAGTGTCCAGACCCAGCCAGAGTCT
CTCCAACTCCTCAGGAGCATCAGAGCCACCCACCAGCCCAACCTCTCCCTAAGCAGCCCTCTGAGTT
TCAGTACACAGGAGATTCTACTACTTCCAGGGCTGCTCAAAGTCTTCCAGAAGAACTACCCATGGA
GGACCTCGGCGCAAAGGGGCAAGGAGAAGATGAAGGAAGAGTCTGGAACATCCACTTCTTTGAGTAC
GGCGTGGCGTGTGCATGTACCGAACAGCCAAAACCTCGGGAGCTGGTCTGAAAGGCATCCCCGAGAGCC



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TCCGAGGGGAGCTTTGGCTCCTTCTCGGGGGCCTGGAATGAGATGGTGACCCATCCTGGCTACTACGC
 TGAGCTAGTAGAGAAGTCCATGGGGAAGTACAGCTTGGCCACCGAAGAGATCGAGCGGGACCTCCATCGC
 TCCATGCCTGAGCACCTGCCTTCCAGAACGAGCTGGGGATCGCTGCACTCCGGCGGGTGTGACCGCCT
 ACGCCTCCGAAACCCGACTATTGGCTACTGCCAGGCAATGAACATCGTGACCTCGGTGCTCCTGCTCTA
 TGGCAGTGAGGAAGAAGCCTTCTGGCTACTGGTGGCCCTGTGTGAGCGCATGCTGCCGACTACTACAAT
 ACCAGAGTAGTGGGGCCCTCGTAGACCAAGGTATCTTTGAAGAGCTACAAGAGACGTCCTGCCCGGC
 TCTCAGAGAAGATGCAGGAGCTGGGGGTGATCTCCAGCATCTCGCTGCTGTTCTGTTCTGACCTCTTCT
 CAGCGTCATGCCCTTTGAGAGCGCAGTGGTTATTGTTGACTGCTTTTTCTACGAGGGCATCAAAGTGATA
 CTGCAGGTGGCCTTGGCTGTGCTGGACGCCAACATGGAACAGCTGCTGGACTGCAGTGACGAGGGCGAGG
 CCATGACCGTGTGGCAGGTACCTGGACAATGTGGTCAACAAGCAGAGCATTCTCCACCTATCCACACA
 CCTCCATGCTCTGCTGACCAGTGGAGATGACCCTCCTGCAGAGGTGGACATCTTTGACCTCTGAAAGTG
 TCTTATGAGAAGTTCAGCAGCCTGAGGGCTGACGACATTGAACAGATGCGGTTTAAACAGAGGCTGAAGG
 TGATCCAGTCTTGAAGACACAGCCAAGAGAAGCGTGGTCCGGGCCATACCAGGGGACATTGGCTTCTC
 CATCGAAGAGCTGGAGGATCTTTACATGGTGTAAAGCCAAGCATCTGGCAAGCCAGTACTGGGTGGT
 AACCGCTCAGCAGCCATCCACCGAGACCCAGCCTGCCCTACCTGGAGCAGTACCGGATCGATGCCAGCC
 AGTTTCGGGAGCTCTTTGCCAGCCTGACGCCTTGGGCCTGTGGCTCTCACACGCCTGCTTGGCAGGCCG
 CATGTTCCGCCTCCTGGACCAAAAACAAGGACTCACTGATCAACTTCAAGGAGTTTGTGACAGGGATGAGT
 GGGATGTACCATGGAGACCTCACAGAGAAGCTCAAAGCGCTCTACAAGCTGCACCTGCCCCAGCTCTGA
 TCCCAGAGGAAGCGGAGTCAAGCCTGGAGGCCGCCATTATTTCCAGAGGATAGCTCCTCAGAAGCATC
 TCCTCTGGCCTCAGATCTGGATCTTTTCTGCCTTGGGAGGCTCAAGGACTGCAGGAGCAGCAGGAAGGA
 AGAGGAAGTGAGGACATCCAGGAAAGGAGAGGAGAAGGAGACCAGCCCCCTGACTACCGACACTACC
 TTCGAATATGGGCTAAGGAGAAAAGAGGCTCAGAAGGAAACCATCAAGGACCTTCCAAGATGAACCAGGA
 GCAATTCATTGAGCTGTGTAACAACATTTACAACATGTTTAGCGAAGACCCTTTGGAACAGGACTTGTAC
 CATGCCATCGCCACTGTGGCCAGCCTTCTCCTCCGATTGGTGAGGTGGGGAAGAAGTTTTCGGCCCTGA
 CCACCAAGAAGCCAGGGATGGTGGCCACAGTGGGGATCAACAAGTGGCACAGAAGAGGATGAGCCACC
 CATATCCAAACTCCATCAGGACCCAGCAGCGGAATGCCAGCCACCAGCTGCAGGGGATCCGACGGCCAAA
 GCCAGTGGCGACATGCATCTTGGGAAAGCATTGCAGGACAGTACAGTATAGTGGAGGGAGGCAGCGCG
 AGGGGCAGGGCTCTCCTTCCCTGCTTTTGTCTGATGATGAAACCAAGATGACATGTCCATGTCTCCTA
 CTCAGTAGTCAGCACGGGTCCCTGCCGTGCGAGGACCTCACAGAAGACACAGTGTGGTGGGAGGAGAA
 GCCTGCAGCCCCACTGCCACCTCAGGATGGGAGGCACCGTGGACATGGATTGGTGCATTTCTTCGAGC
 AGATCCTGGCCTCCATCCTGACAGAGTCTGTGCTAGTGAACCTTTTGAAGAGGGTAGACATTGGACT
 CAAGATCAAAGACCAGAAGAAAGTCAAAGGCAGTTCAGCACCTCCAGTGACCATGAGCCCCCTGGGGTC
 TTGGGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001108274
- Insert Size:** 3789 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: NM_001108274.1, NP_001101744.1

RefSeq Size: 5651 bp

RefSeq ORF: 3789 bp

Locus ID: 360520

Cytogenetics: 10q22